



Training Newsletter - March 2019

What does [CPD](#) mean to you? Which skills do you need in order to develop your career? The Royal Society of Biology's training programme is designed to support the expertise of those working in the biosciences, through the provision of online and in-person training courses.

If you're interested in developing your skills, want to maintain your professional registration or simply looking for a refresher course, please do take a look at our [website](#) and [online learning platform](#) where we hope you will find something of value.

ONLINE TRAINING COURSES

[Gopher Science Lab](#)

This online course has been written and reviewed by teachers, for teachers. The following lessons are designed to give teachers clear guidance on how to carry out the Gopher Science Lab activities so that they can feel confident in leading or supervising the activities during a lab day or classroom session.

[Introduction to Project Management](#)

Throughout this online course participants will learn the skills and planning tools they need to successfully complete a project and how to anticipate and resolve the issues they are likely to encounter as a project manager.

[Introduction to Trusteeship and Governance](#)

The aim of this course is to support and provide new trustees with knowledge on the responsibilities of a trustee and how to carry these out, in accordance with the rules and regulations in place.

[Unconscious Bias](#)

This half day awareness building course aims to educate staff and managers so that they can lead by example in the quest to change mind-sets and create a more diverse and inclusive workplace.

For further details and to register onto any of the above online training courses, please visit our online learning platform - [myLearning](#) or email training@rsb.org.uk.

IN-PERSON TRAINING COURSES

Programming for Biologists

When: 05 April 2019

Where: Charles Darwin House 2, 107 Gray's Inn Road, London WC1X 8TZ

Booking Deadline: 31 March 2019

Overview

There's no escaping it - computing is becoming an essential part of the scientist toolkit. From coping with the data deluge by automated analysis or simulating a mathematical model of your system, coding is an essential skill for the modern biologist.

This hands-on, one-day course will introduce you to Python, a popular and powerful computer language. You will learn the basics of working with Python through the increasingly popular Jupyter Notebook system.

But Don't Panic - this course is designed for those with no existing coding experience.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **21 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Interpersonal Skills*.

Fees: Member - £65 + VAT | Non-member - £130 + VAT

For further details and to book please visit the [RSB website](#).

How to Write an Effective and Successful Research Paper

When: 15 May 2019

Where: Natural History Museum, Neil Chalmers Seminar Room, Cromwell Rd, Kensington, London SW7 5BD

Booking Deadline: 10 May 2019

Overview

This presentation aims to give a generic overview on what is required to write an effective and successful scientific paper. It is not just writing the paper, but using a certain style, organisation and formatting that is required by a journal.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **6 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Application of knowledge and understanding*.

Fees: Member - £10 + VAT | Non-member - £15 + VAT

For further details and to book please visit the [RSB website](#).

Navigating the Patent System for Biologists

When: 12 June 2019

Where: Royal Society of Biology, London (Venue TBC)

Booking Deadline: 31 May 2019

Overview

This one-day course will give participants an overview of the patent system and provide practical tips to scoring success and avoiding pitfalls. You'll get an understanding of important points to consider if you are trying to obtain patent protection and if you are trying to avoid infringing any third party rights. The basic principles of patent law, the process for obtaining patent protection and considerations on freedom-to-operate will be covered.

You will also get practical advice on when to file a patent application and the information that should be obtained before filing a patent application. This course will also provide guidance on where to find information relating to patents and understanding and interpreting patent documents. Current

challenges in securing patents in the biological sciences field will be reviewed. This interactive course will use real-life examples from the biological field to fully engage the audience.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **15 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Professional practice and Professional standards*.

Fees: Member - £40 + VAT | Non-member - £80 + VAT

For further details and to book please visit the [RSB website](#).

Introduction to reproducible analyses in R

When: 24 June 2019

Where: University of York, York, YO10 5DD

Booking Deadline: 07 June 2019

Overview

An increase in the complexity and scale of biological data means biologists are increasingly required to develop the data skills needed to design reproducible workflows for the simulation, collection, organisation, processing, analysis and presentation of data. Developing such data skills requires at least some coding, also known as scripting. This makes your work (everything you do with your raw data) explicitly described, totally transparent and completely reproducible. However, learning to code can be a daunting prospect for many biologists! That's where an Introduction to reproducible analyses in R comes in!

R is a free and open source language especially well-suited to data analysis and visualisation and has a relatively inclusive and newbie-friendly community. R caters to users who do not see themselves as programmers, but then allows them to slide gradually into programming.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **15 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Application of knowledge and understanding*.

Fees: Member - £50 + VAT | Non-member - £90 + VAT

For further details and to book please visit the [RSB website](#).

MO EVENTS AND OTHER INFORMATION

Branch and MO events

01.04.19 - 03.04.19

[BMP Signalling in Cancer II](#)

A Biochemical Society Meeting

St Anne's College, 56

Woodstock Road, Oxford OX2

6HS

03.04.19

[Wessex: Genomic Medicine talk and AGM](#)

A Wessex Branch Event

Winchester Discovery Centre,

Jewry Street, Winchester SO23

8SB

05.04.19

[Immunology Memory](#)

A British Society for

Immunology's London

Immunology Group Event

Bush House, Strand Campus,

King's College London, 30

Aldwych, London WC2B 4BG

08.04.19 - 11.04.19

[Microbiology Society Annual Conference 2019](#)

A Microbiology Society Event

ICC Belfast, 2 Lanyon Place,

Belfast BT1 3WH

14.04.19 - 17.04.19

Potential new training courses

We are inviting expressions of interest for potential new training courses:

- Entrepreneurship for Bioscience
- Artificial Intelligence and Biology
- Fermentation
- Writing a Business Plan
- Quality Management
- Train the Trainer
- Grant Writing

If you are interesting in attending the potential courses listed above or can deliver training in these areas, please [register your interest](#).

In-house Training

As part of our training programme at the RSB, we can organise training courses at your premises or nearby for your staff. To enquire please contact us on training@rsb.ac.uk.

If there are any courses not listed here that you would like to see please [contact us](#).

RSB Biology Week Outreach and Engagement Grants

RSB Outreach and Engagement grants look to fund outreach and engagement events worldwide.

We run two rounds of funding: one for activities and events taking place throughout the year, and one for events specifically in Biology Week.

The Grant scheme is now open for [applications for funding to run activities during Biology Week 2019](#), which takes place 5-13 October 2019.

Please note that the deadline for applications is **29 April 2019**.

For further details please visit the [RSB website](#).

Professional Registers

Advance your career by applying for one of our industry recognised professional registers, open to members of the RSB. Submit an application by June 2019 to be considered for the July election.

[Chartered Scientist \(CSci\)](#)

[BNA2019 Festival of
Neuroscience](#)

A British Neuroscience

Association Event

*The Convention Centre Dublin,
Spencer Dock, North Wall Quay,
Dublin 1, D01 T1W6, Ireland*

[Chartered Science Teacher
\(CSciTeach\)](#)

[Registered Science Technician
\(RSciTech\)](#)

[Registered Scientist \(Rsci\)](#)



[HOME](#)

[NEWS](#)

[EVENTS](#)

[JOBS](#)

[myLearning](#)

[BLOG](#)

© Royal Society of Biology 2019
Charles Darwin House, 12 Roger Street, London WC1N 2JU